



RECEIVED 1600

AUG 11 2003

TECH CENTER 1600/2900

DATE: 08/05/2003
TIME: 08:18:23

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/617,720A

Input Set : A:\24299-517.app

Output Set: N:\CRF4\08052003\I617720A.raw

3 <110> APPLICANT: Nicklin, Martin
 4 Barton, Jenny
 6 <120> TITLE OF INVENTION: IL-1L1 GENE AND POLYPEPTIDE PRODUCTS
 8 <130> FILE REFERENCE: MSA-021.01
 10 <140> CURRENT APPLICATION NUMBER: 09/617,720A
 11 <141> CURRENT FILING DATE: 2000-07-17
 13 <160> NUMBER OF SEQ ID NOS: 64
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 2563
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Homo sapiens
 22 <400> SEQUENCE: 1
 23 agggagtc acaccctgtg gagctcaaga tggctctgag tggggcgctg tgctccgaa 60
 24 tgaaggactc ggcattgaag gtgcatttata tcataataa ccagcttcta gctggaggc 120
 25 tgcattgcagg gaaggtcatt aaaggtgaag agatcagcgt ggtcccaat cggtggctgg 180
 26 atgcgcgcct gtcccccgtc atcctgggtg tccagggtgg aagccagtgc ctgtcatgtg 240
 27 ggttggggca ggagccgact ctaacactag agccagtgaa catcatggag ctctatctt 300
 28 gtcccaagga atccaagagc ttcaccttcc accggcggga catggggctc acctccagct 360
 29 tcagtcggc tgcctacccg ggctgggtcc tgtgcacggc gcctgaagcc gatcagcctg 420
 30 tcagactcac ccagcttccc gagaatggtg gctggaatgc ccccatcaca gacttctact 480
 31 tccagcagtg tgacttaggac aacgtgcccc cccagaactc cctggcaga gccagctcgg 540
 32 gtgaggggtg agtggaggag acccatggcg gacaatact ctttctgctc tcaggacccc 600
 33 caggtctgac ttatgtggca cctgaccact ttgtcttctg gttcccagtt tgcataaatt 660
 34 ctgagatttg gagctcagtc cagggtcctc ccccaactgga tgggtctact gctgtggaa 720
 35 cttgtaaaaa ccatgtgggg taaactggga ataacatgaa aagatttctg tgggggtggg 780
 36 gtgggggagt gctggaaatc attcctgctt aatggtaact gacaagtgtt accctgagcc 840
 37 ccgcaggcca acccatcccc agttgagcct tatagggtca gtagctctc acatgaagtc 900
 38 ctctcaactca ccactgtgca ggagagggag gtggcatag agtcaggat ctatggccct 960
 39 tggcccagcc ccacccctt ccctttatcc tgccactgtc atatgctacc tttcctatct 1020
 40 cttccctcat catcttggtt tggtcatgag gaggtggta tgcagaaga aatggttcga 1080
 41 gctcagaaga taaaagataa gttagggatg ctgatccctt tttaaaaacc caagatacaa 1140
 42 tcaaaatccc agatgctggt ctcttattccc atgaaaaagt gctcatgaca tattgagaag 1200
 43 acctacttac aaagtggcat atattgcaat ttatTTtaat taaaagatac ctattttat 1260
 44 atttctttat agaaaaaaagt ctggaagagt ttacttcaat tgcataatg tcagggtgg 1320
 45 ggcagtatag gtgattttc tttaattct gtttaattat ctgtatTTcc taatTTTct 1380
 46 acaatgaaga tgaattccctt gtataaaaat aagaaaaagaa attaatctg aggttaagcag 1440
 47 agcagacatc atctctgatt gtccctcagcc tccaaattccc cagagtaat tcaaattgaa 1500
 48 tcgagctctg ctgctctggt tgggtgttagt agtgcattcagg aaacagatct cagcaaagcc 1560
 49 actgaggagg aggctgtgct gagtttgtt ggctggaatc tctggtaag gaacttaaag 1620
 50 aacaaaaatc atctggtaat tctttccttag aaggatcaca gcccctggga ttccaaggca 1680
 51 ttggatccag tctctaagaa ggctgctgta ctgggtgaat tgcataatg tcaaattcac 1740
 52 atccttcttgc gaatctcagt ctgtgagttt atttggagat aaggatctctg cagatgttagt 1800

P.6

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/617,720A

DATE: 08/05/2003

TIME: 08:18:23

Input Set : A:\24299-517.app

Output Set: N:\CRF4\08052003\I617720A.raw

53 tagttaagac aaggcatgc tggatgaagg tagacctaaa ttcaatatga ctggttcct 1860
 54 tgtatgaaaa ggagaggaca cagagacaga ggagacgcgg ggaagactat gtaaagatga 1920
 55 aggcagagat cggagtttg cagccacaag ctaagaaaca ccaaggattt tggcaaccat 1980
 56 cagaagcttgaagaggca agaagaattt ttcccttagag gcttttagagg gataacggct 2040
 57 ctgctgaaac cttaatctca gacttccagc ctcctgaacg aagaaagaat aaatttcggc 2100
 58 tgggttaagc caccaggat aattggttac agcagctcta ggaaactaat acagctgcta 2160
 59 aaatgatccc tgtctcctcg tggttacatt ctgtgtgtt cccctccac aatgtaccaa 2220
 60 agttgtctt gtgacccaaat agaatatggc agaagtgtat gcatgccact tccaaagatta 2280
 61 ggttataaaaa gacactgcag cttctacttg agccctctt ctctgcccacc caccggcccc 2340
 62 aatctatctt ggctcaactcg ctctggggga agctagctgc catgtatga gcaggcctat 2400
 63 aaagagactt acgtggtaaa aatgaagtc tcctgcccac agccacatata gtgaacctag 2460
 64 aagcagagac tctgtgagat aatcgatgtt tgggttttta agttgctcag ttttggtcta 2520
 65 acttggatc cagcaataga taaaataat gcagagaaag aga 2563
 66 <210> SEQ ID NO: 2
 67 <211> LENGTH: 39
 68 <212> TYPE: DNA
 69 <213> ORGANISM: Homo sapiens
 70 <400> SEQUENCE: 2
 71 ttgaggaaca ggcagactcc acagctcccg ccaggagaa 39
 72 <210> SEQ ID NO: 3
 73 <211> LENGTH: 42
 74 <212> TYPE: DNA
 75 <213> ORGANISM: Homo sapiens
 76 <400> SEQUENCE: 3
 77 aaggaaggag ggagaaggaa. aggagtgaag gaaggagtga aa 42
 78 <210> SEQ ID NO: 4
 79 <211> LENGTH: 1284
 80 <212> TYPE: DNA
 81 <213> ORGANISM: Murine sp.
 82 <400> SEQUENCE: 4
 83 ggcacgaggg gggctgctt tctacttagg tctcaaattt tccagccttg tctttgccta 60
 84 aaatttcctg ctgttttattt caaaataggg tctacatact gtggagctca tgatggttct 120
 85 gagttggggca ctatgcctcc gaatgaagga ttccagccttg aaggtaactgt atctgcacaa 180
 86 taaccagctg ctggctggag gactgcacgc agagaaggc attaaagggtt aggagatcag 240
 87 tgggtccca aatcgccac tggatgccag tctgtccctt gtcatcctgg gcgttcaagg 300
 88 aggaagccag tgcctatctt gtgggacaga gaaaggccca attctgaaac ttgagccagt 360
 89 gaacatcatg gagctctacc tcggggccaa ggaatcaaag agcttcaccc tctaccggcg 420
 90 ggatatgggt cttacccca gttcgaatc cgctgcctac ccaggctgg tccctgcac 480
 91 ctcaccggaa gctgaccagc ctgtcaggct cactcagatc cctgaggacc ccgcctgg 540
 92 tgctccatc acagacttct actttcagca gtgtgacttag ggctgcgtgg tccccaaac 600
 93 tccataagca gaggcagagt aggcagtggc ggctcctgat agaggataga gagacagagg 660
 94 agctccacag taggtggctt actcctctcc ttccctactg gactccgc tctgacctaa 720
 95 ggcacacaga cactctttc tcctgcattc cagtgtggt aaatcttctg gtatggag 780
 96 ctcaatgtgt agatttttc agattggatg gtactaccc tgggtggaa cccaaatagaa 840
 97 accacgtagg accaacaatgg agcaacatgg aagattctt ggtgaagaag aggtggaaac 900
 98 tggtcataca tagtaagatc tgacacagta cctcagaatg cctgcattc cttatgttct 960
 99 ggagaaatgg gaggggggggt caccaagact ttctctggct ggctggggcc tttccctcaa 1020
 100 cctttctgac atctgcagcc tctctcattt ttgccttcat tctctggccc tgaaccgaga 1080
 101 gggtgatatac aggatagctg acagaagatg accaggcaca ctgtcctgg 1140

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/617,720A

DATE: 08/05/2003

TIME: 08:18:23

Input Set : A:\24299-517.app

Output Set: N:\CRF4\08052003\I617720A.raw

111 aggggacaat aaaaaaccct gattctggtc tctactcaca taaaaagaag cttgtgaaca 1200
 112 ttaagtggga agagattgct actaaataac ataccttgta atttcatctt aattaaaata 1260
 113 tacttctcta tattatataat ttta 1284
 116 <210> SEQ ID NO: 5
 117 <211> LENGTH: 155
 118 <212> TYPE: PRT
 119 <213> ORGANISM: Homo sapiens
 121 <400> SEQUENCE: 5
 122 Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala Leu
 123 1 5 10 15
 125 Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu His
 126 20 25 30
 128 Ala Gly Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn Arg
 129 35 40 45
 131 Trp Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly Gly
 132 50 55 60
 134 Ser Gln Cys Leu Ser Cys Gly Val Gly Gln Glu Pro Thr Leu Thr Leu
 135 65 70 75 80
 137 Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser Lys
 138 85 90 95
 140 Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe Glu
 141 100 105 110
 143 Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Val Pro Glu Ala Asp
 144 115 120 125
 146 Gln Pro Val Arg Leu Thr Gln Leu Pro Glu Asn Gly Gly Trp Asn Ala
 147 130 135 140
 149 Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp
 150 145 150 155
 153 <210> SEQ ID NO: 6
 154 <211> LENGTH: 155
 155 <212> TYPE: PRT
 156 <213> ORGANISM: Murine sp.
 158 <400> SEQUENCE: 6
 159 Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala Leu
 160 1 5 10 15
 162 Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu His
 163 20 25 30
 165 Ala Glu Lys Val Ile Lys Gly Glu Glu Ile Ser Val Val Pro Asn Arg
 166 35 40 45
 168 Ala Leu Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly Gly
 169 50 55 60
 171 Ser Gln Cys Leu Ser Cys Gly Thr Glu Lys Gly Pro Ile Leu Lys Leu
 172 65 70 75 80
 174 Glu Pro Val Asn Ile Met Glu Leu Tyr Leu Gly Ala Lys Glu Ser Lys
 175 85 90 95
 177 Ser Phe Thr Phe Tyr Arg Arg Asp Met Gly Leu Thr Ser Ser Phe Glu
 178 100 105 110
 180 Ser Ala Ala Tyr Pro Gly Trp Phe Leu Cys Thr Ser Pro Glu Ala Asp
 181 115 120 125

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/617,720A

DATE: 08/05/2003

TIME: 08:18:23

Input Set : A:\24299-517.app

Output Set: N:\CRF4\08052003\I617720A.raw

183 Gln Pro Val Arg Leu Thr Gln Ile Pro Glu Asp Pro Ala Trp Asp Ala
 184 130 135 140
 186 Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp
 187 145 150 155
 190 <210> SEQ ID NO: 7
 191 <211> LENGTH: 141
 192 <212> TYPE: PRT
 193 <213> ORGANISM: Artificial Sequence
 195 <220> FEATURE:
 196 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
 197 polypeptide sequence
 199 <400> SEQUENCE: 7
 200 Met Val Leu Ser Gly Ala Leu Cys Phe Arg Met Lys Asp Ser Ala Leu
 201 1 5 10 15
 203 Lys Val Leu Tyr Leu His Asn Asn Gln Leu Leu Ala Gly Gly Leu His
 204 20 25 30
 206 Ala Lys Val Ile Lys Gly Glu Ile Ser Val Val Pro Asn Arg Leu
 207 35 40 45
 209 Asp Ala Ser Leu Ser Pro Val Ile Leu Gly Val Gln Gly Gly Ser Gln
 210 50 55 60
 212 Cys Leu Ser Cys Gly Pro Leu Leu Glu Pro Val Asn Ile Met Glu Leu
 213 65 70 75 80
 215 Tyr Leu Gly Ala Lys Glu Ser Lys Ser Phe Thr Phe Tyr Arg Arg Asp
 216 85 90 95
 218 Met Gly Leu Thr Ser Ser Phe Glu Ser Ala Ala Tyr Pro Gly Trp Phe
 219 100 105 110
 221 Leu Cys Thr Pro Glu Ala Asp Gln Pro Val Arg Leu Thr Gln Pro Glu
 222 115 120 125
 224 Trp Ala Pro Ile Thr Asp Phe Tyr Phe Gln Gln Cys Asp
 225 130 135 140
 228 <210> SEQ ID NO: 8
 229 <211> LENGTH: 138
 230 <212> TYPE: PRT
 231 <213> ORGANISM: Homo sapiens
 233 <400> SEQUENCE: 8
 234 Phe Arg Ile Trp Asp Val Asn Gln Lys Thr Phe Tyr Leu Arg Asn Asn
 235 1 5 10 15
 237 Gln Leu Val Ala Gly Tyr Leu Gln Gly Pro Asn Val Asn Leu Glu Glu
 238 20 25 30
 240 Lys Ile Asp Val Val Pro Ile Glu Pro His Ala Leu Phe Leu Gly Ile
 241 35 40 45
 243 His Gly Gly Lys Met Cys Leu Ser Cys Val Lys Ser Gly Asp Glu Thr
 244 50 55 60
 246 Arg Leu Gln Leu Glu Ala Val Asn Ile Thr Asp Leu Ser Glu Asn Arg
 247 65 70 75 80
 249 Lys Gln Asp Lys Arg Phe Ala Phe Ile Arg Ser Asp Ser Gly Pro Thr
 250 85 90 95
 252 Thr Ser Phe Glu Ser Ala Ala Cys Pro Gly Trp Phe Leu Cys Thr Ala
 253 100 105 110

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/617,720A

DATE: 08/05/2003
TIME: 08:18:23

Input Set : A:\24299-517.app
Output Set: N:\CRF4\08052003\I617720A.raw

255 Met Glu Ala Asp Gln Pro Val Ser Leu Thr Asn Met Pro Asp Glu Gly
256 115 120 125
258 Val Met Val Thr Lys Phe Tyr Phe Gln Glu
259 130 135
262 <210> SEQ ID NO: 9
263 <211> LENGTH: 73
264 <212> TYPE: PRT
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Description of Artificial Sequence: Consensus
269 polypeptide sequence
271 <400> SEQUENCE: 9
272 Phe Arg Asp Lys Tyr Leu Asn Asn Gln Leu Ala Gly Leu Val Glu Ile
273 1 5 10 15
275 Val Val Pro Pro Leu Gly Gly Cys Leu Ser Cys Gly Glu Leu Leu
276 20 25 30
278 Glu Val Asn Ile Leu Lys Lys Phe Phe Arg Asp Gly Thr Ser Phe Glu
279 35 40 45
281 Ser Ala Ala Pro Gly Trp Phe Leu Cys Thr Glu Ala Asp Gln Pro Val
282 50 55 60
284 Leu Thr Pro Gly Thr Phe Tyr Phe Gln
285 65 70
288 <210> SEQ ID NO: 10
289 <211> LENGTH: 465
290 <212> TYPE: DNA
291 <213> ORGANISM: Homo sapiens
293 <400> SEQUENCE: 10
294 atggcctgta gtggggcgct gtgcttccga atgaaggact cggcattgaa ggtgctttat 60
295 ctgcataata accagcttct agctggaggg ctgcatgcag ggaaggtcat taaaggtgaa 120
296 gagatcagcg tggccccaa tcggtggtg gatgccagcc tgcctccgt catcctgggt 180
297 gtccagggtg gaagccagtgc cctgtcatgt ggggtgggc aggagccgac tctaacacta 240
298 gagccagtga acatcatgga gctctatctt ggtgccaagg aatccaagag cttcaccttc 300
299 taccggcggg acatgggct cacctccagc ttccagtcgg ctgcctaccc gggctgggtc 360
300 ctgtgcacgg tgcctgaagc cgatcagcct gtcagactca cccagcttcc cgagaatgg 420
301 ggctggaatg ccccatcac agacttctac ttccagcagt gtgac 465
304 <210> SEQ ID NO: 11
305 <211> LENGTH: 465
306 <212> TYPE: DNA
307 <213> ORGANISM: Murine sp.
309 <400> SEQUENCE: 11
310 atggttctgta gtggggcact atgcttccga atgaaggatt cagcattgaa ggtactgtat 60
311 ctgcacaata accagctgct ggctggagga ctgcacgcag agaaggtcat taaaggtgag 120
312 gagatcagtg ttgtcccaa tcgggcactg gatgccagtc tgcctccgt catcctggc 180
313 gttcaaggag gaagccagtgc cctatcttgg gggacagaga aaggccaat tctgaaactt 240
314 gagccagtga acatcatgga gctctaccc gggccaaagg aatcaaagag cttcaccttc 300
315 taccggcggg atatgggtct tacctccagc ttccgatccg ctgcctaccc aggctgggtc 360
316 ctctgcaccc caccggaagc tgaccagcct gtcaggctca ctcagatccc tgaggacccc 420
317 gcctggatg ctccatcac agacttctac ttccagcagt gtgac 465
320 <210> SEQ ID NO: 12

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/617,720A

DATE: 08/05/2003
TIME: 08:18:24

Input Set : A:\24299-517.app
Output Set: N:\CRF4\08052003\I617720A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; N Pos. 6,11,15,19,30,33,37
Seq#:48; Xaa Pos. 3,5
Seq#:49; Xaa Pos. 5,6
Seq#:50; Xaa Pos. 3,8,11
Seq#:51; Xaa Pos. 3,7,8
Seq#:52; Xaa Pos. 2,9,17,18
Seq#:59; N Pos. 7,8,10
Seq#:60; N Pos. 343